

WHAT IS CLAIMED IS:

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A synthetic resin laminate having both phtochromism characteristic and polarization characteristic consisting essentially of two transparent synthetic resin layers, a resin layer having phtochromism characteristic and a resin layer having polarization characteristic interposed between said two transparent synthetic resin layers and an adhesive layer to adhere said resin layer having polarization characteristic to said one transparent synthetic resin layer, wherein said one transparent synthetic resin layer to contact said resin layer having phtochromism characteristic has a thickness of 50 μm or above and a retardation value of 150 nm or below, or 3000 nm or above.

2. The synthetic resin laminate according to claim 1, wherein said one transparent synthetic resin to contact said adhesive layer has a thickness of 100 μm or above.

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3. The synthetic resin laminate according to claim 1, wherein said resin layer having phtochromism characteristic has a thickness of 50 μm to 250 μm

4. The synthetic resin laminate according to claim 1, wherein said two transparent synthetic resin layers comprise a polycarbonate resin.

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5. The synthetic resin laminate according to claim 1, wherein said resin layer having phtochromism characteristic is a layer formed by laminating a mixture of a phtochromic pigment(s) and a polyurethane obtained from diisocyanate and polyol on said one transparent synthetic resin layer and/or said resin layer having polarization characteristic and then curing.

6. The synthetic resin laminate according to claim 1 or claim 4, wherein said resin layer having phtochromism characteristic comprises a phtochromic pigment-containing two-liquid polyurethane formed by reaction of a polyurethane prepolymer and a curing agent.

7. The synthetic resin laminate according to claim 5 or claim 6, wherein said polyurethane prepolymer is a compound with an isocyanate group on both ends obtained from diisocyanate and polyol.

8. The synthetic resin laminate according to claim 6, wherein said polyurethane prepolymer is a compound derived from a prepolymer having a number average molecular weight of 500 to 5000 and a curing agent having a number average molecular weight of 500 to 5000.

9. The synthetic resin laminate according to claim 7, wherein said polyurethane prepolymer is a compound with an isocyanate group on both ends derived from diphenylmethane-4,4'-diisocyanate and polypropylene glycol.

10. The synthetic resin laminate according to claim 6, wherein said curing agent is a compound with a hydroxyl group on at least both ends obtained from diisocyanate and polyol.

11. The synthetic resin laminate according to claim 10, wherein said curing agent is a compound with a hydroxyl group on at least both ends obtained from tolylenediisocyanate and polypropylene glycol.

12. The synthetic resin laminate according to claim 6, wherein said two-liquid polyurethane further

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14. A molded article formed into a shape of curved surface by vacuum molding the synthetic resin laminate described in claim 5 or claim 6.

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